NASA/MSFC Vision

To improve life here,
To extend life to there,
To find life beyond.

NASA's Mission

To understand and protect our home planet,
To explore the Universe and search for life,
To inspire the next generation of explorers...
as only NASA can.

MSFC's Mission

To enable, through our values-based culture, the unbounded access to and use of space to benefit humanity.

- We advance the state of, and implement technology in space transportation systems, space propulsion, microgravity sciences, and space systems,

- We promote scientific discovery and engineering excellence,

- We conceptualize, develop, integrate, and operate space flight and ground systems,

- We continually improve the way Marshall and NASA do business,

- We promote the benefits of the space program, and

- We inspire the next generation of explorers.

Mission Objectives Information:

We advance the state of, and implement technology in space transportation systems, space propulsion, microgravity sciences, and space systems:

- Develop earth-to-orbit propulsion and vehicle technologies which will significantly increase safety and reduce cost

- Develop high performance in-space propulsion systems

- Integrate, operate, and improve existing propulsion systems in a safe, reliable, and cost-effective manner

- Advance and implement the Agency's propulsion strategy

- Develop new technologies to enhance our ability to explore emerging scientific knowledge

- Enhance researcher access to space

Mission Objectives Information:

We promote scientific discovery and engineering excellence:

- Provide our scientists and engineers with essential resources and unique environments for investigating scientific questions and engineering challenges

- Retain a strong and viable engineering capability and fully leverage outside expertise to enable technological leaps in engineering tools

- Establish and maintain productive collaborative contacts with leading scientists and engineers in our areas of expertise

- Reduce the time to acquire and increase the accessibility to experimental data

Mission Objectives Information:

We conceptualize, develop, integrate, and operate space flight and ground systems:

- Develop state-of-the-art technologies for payload utilization

- Provide cost-effective flight and ground systems

- Improve processes to reduce cycle time to flight

- Conceptualizes products for exploration and development of space

- Provide integrated operations capabilities and facilities for the program life cycle

Mission Objectives Information:

We continually improve the way Marshall and NASA do business:

- Use our core values as the principles that guide our decisions and behaviors

- Contribute to Agency and other Center scientific and technical initiatives

- Lead Agency infrastructure and administrative activities in assigned and delegated roles

- Empower our workforce by providing mentoring, training, and leadership opportunities

- Constantly explore avenues to improve our people, processes and products as a continual learning organization

- Foster excellence in formulation and implementation of Marshall and NASA programs and projects

- Strive to deliver products and services which meet technical requirements on time and within budget

Mission Objectives Information:

We promote the benefits of the space program:

- Enhance the public's knowledge of MSFC programs and activities by sharing the Center's experiences through various media

- Provide a positive impact on the Nation's economic health through the sharing of technological innovations with our stakeholders

- Collaborate with other government agencies, academia, industry, and internationals to promote scientific and technological advancements

- Develop opportunities for Space Commerce

Mission Objectives Information:

We inspire the next generation of explorers:

- Convey the excitement of NASA's mission

- Support the Nation's education goals in science and technology through NASA sponsored programs

- Use NASA's unique assets to support learning by collaborating with educational organizations and business partners

- Design, develop, evaluate, and implement products and services that enhance the educational process

- Involve the education community in NASA research and technology activities